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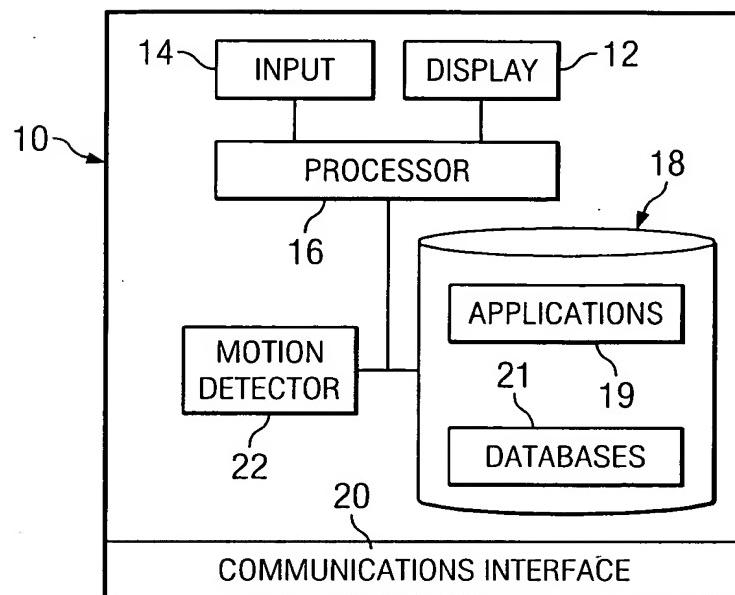


FIG. 1

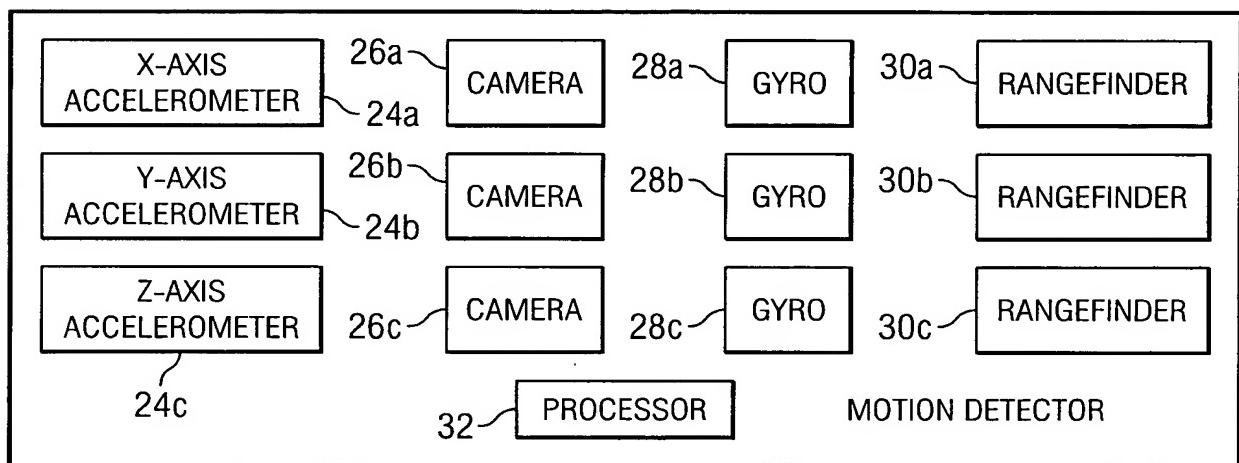


FIG. 2

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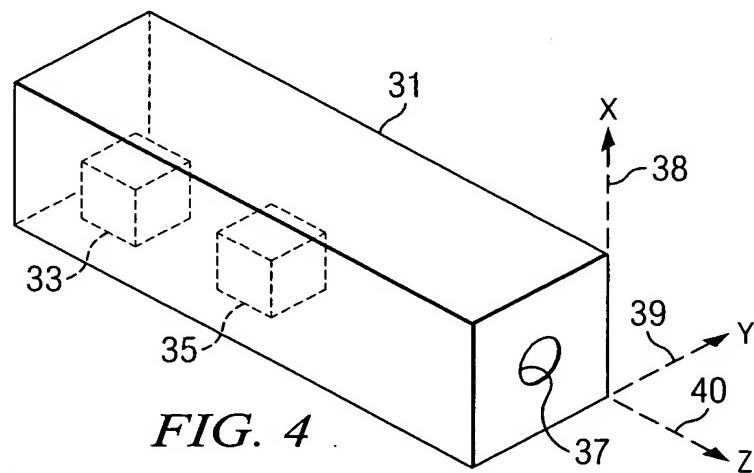


FIG. 4

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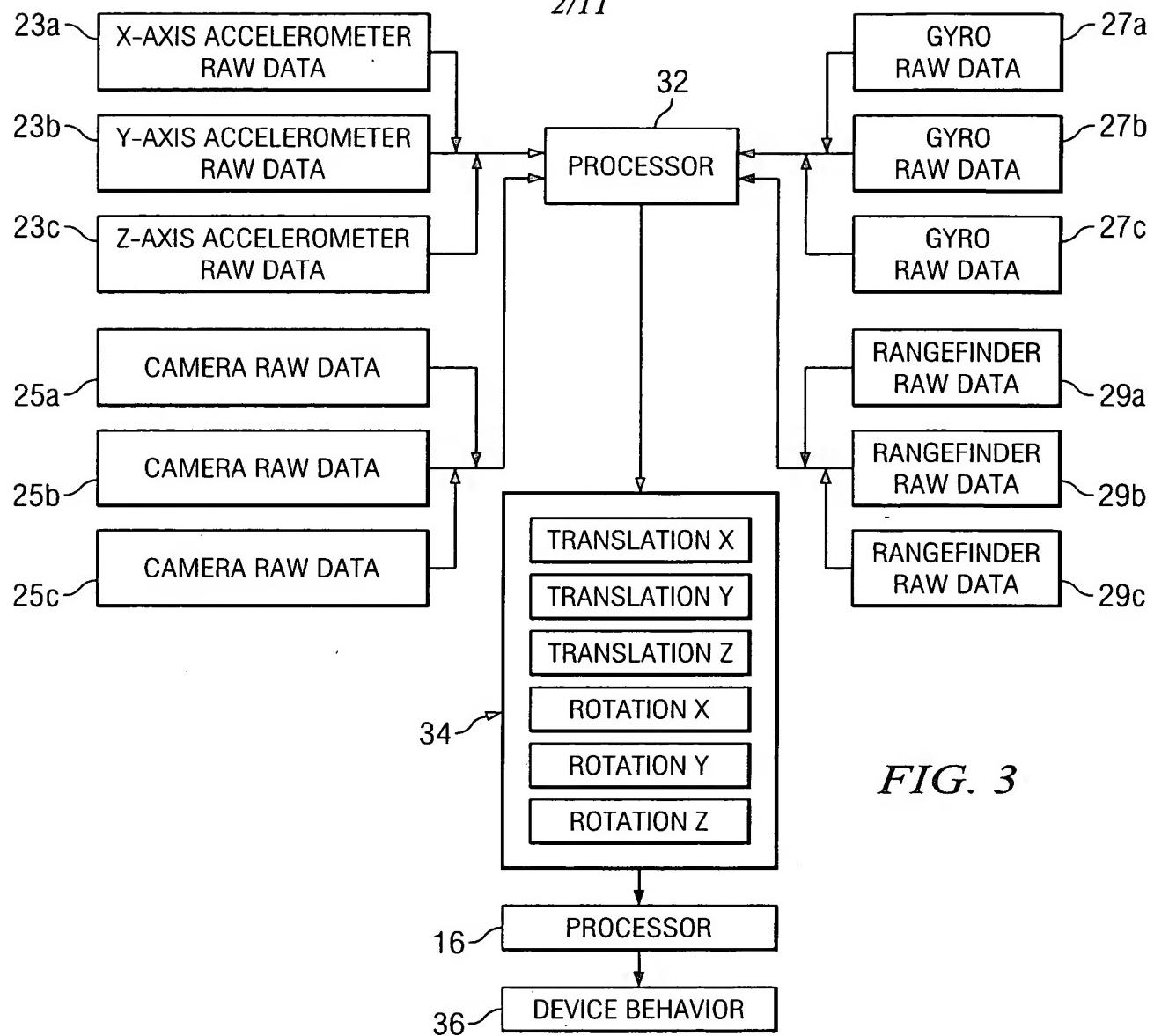


FIG. 3

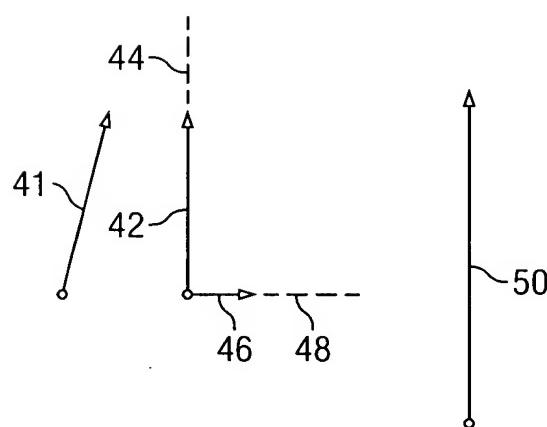
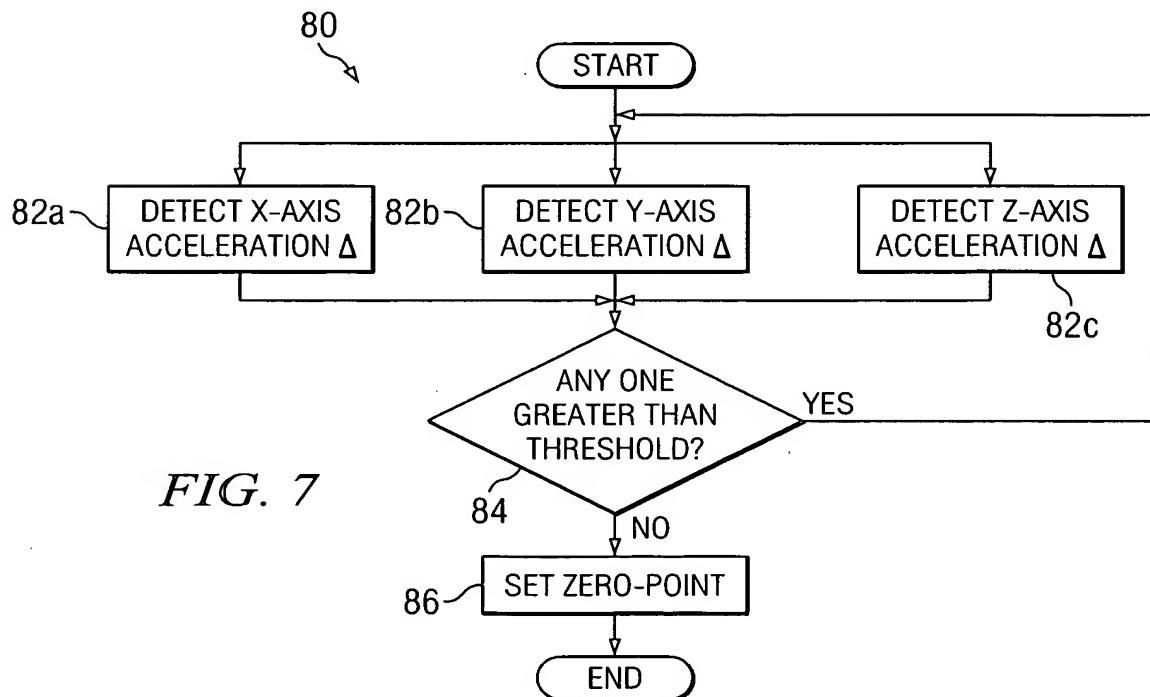
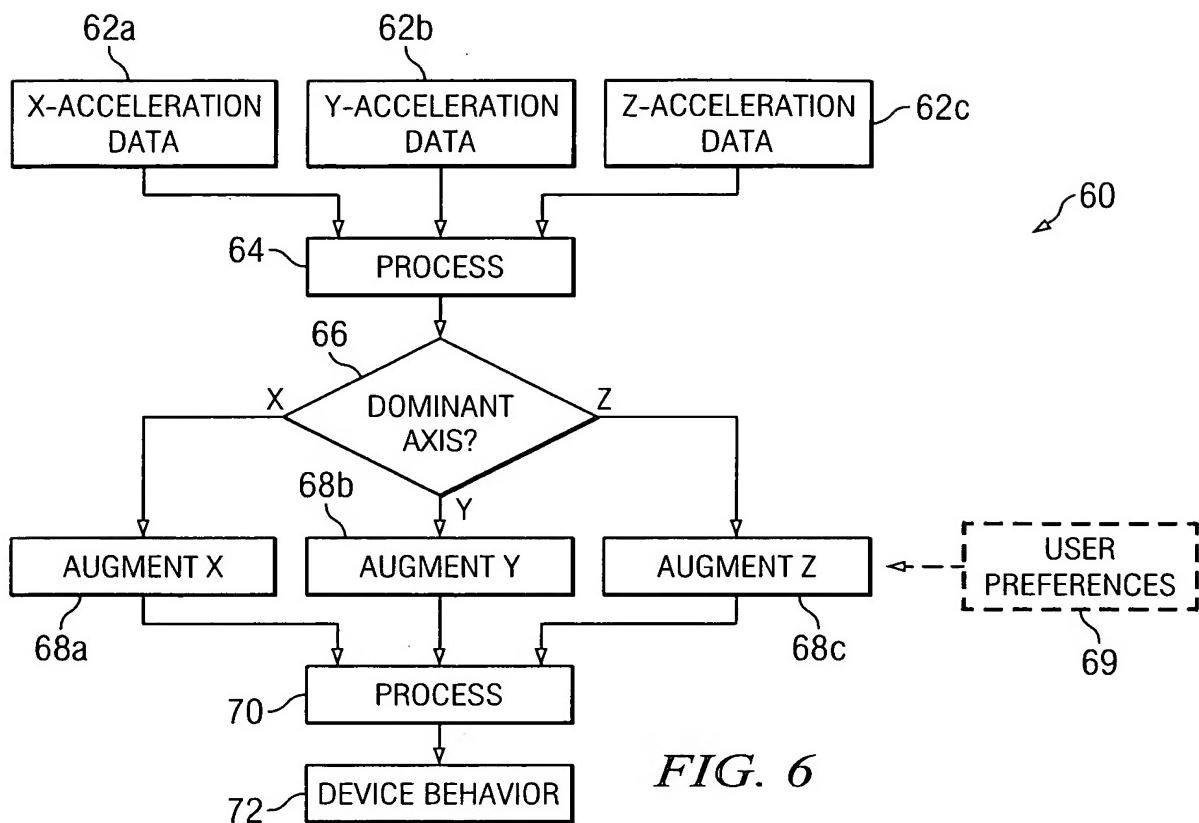


FIG. 5

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FIG. 8

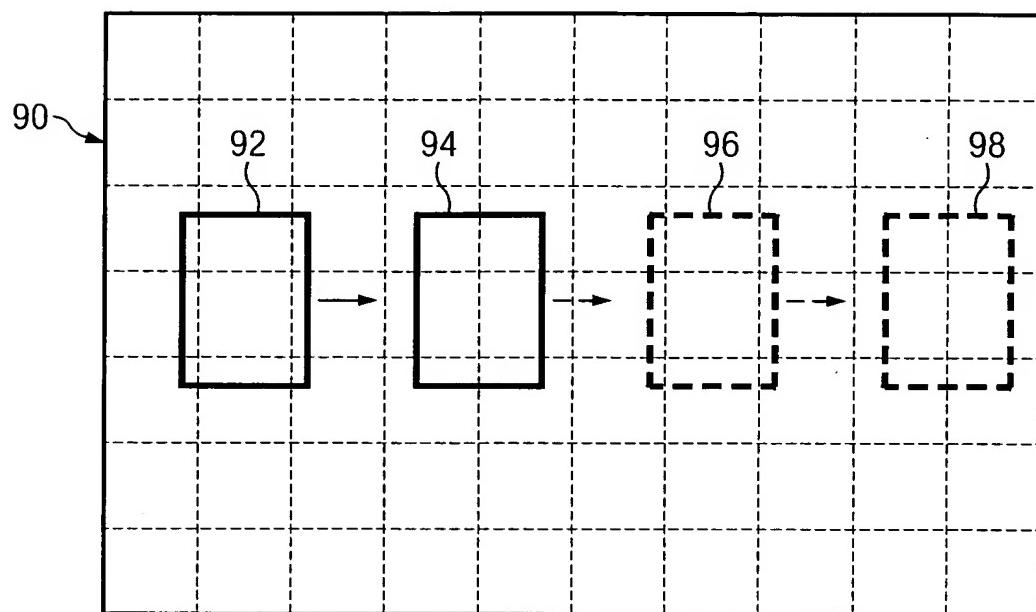
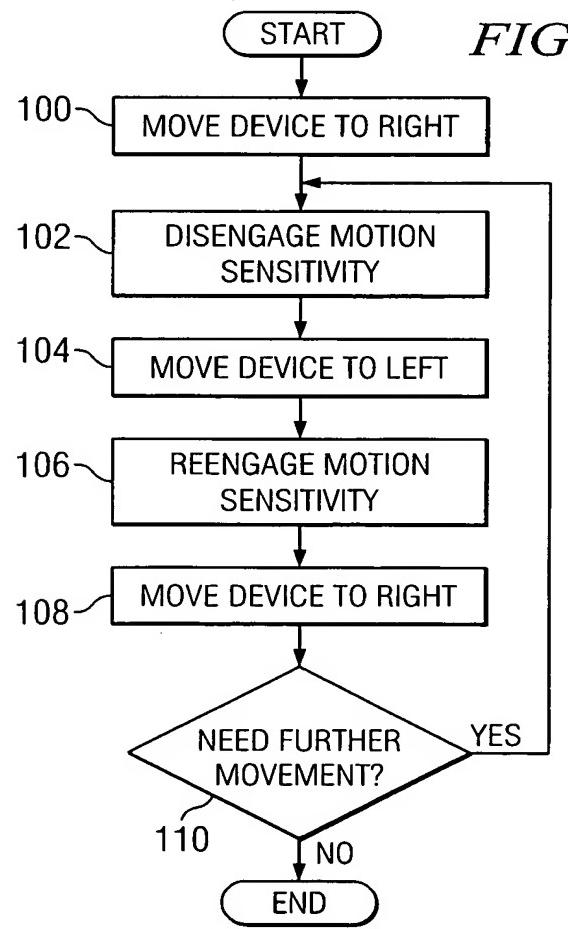


FIG. 9



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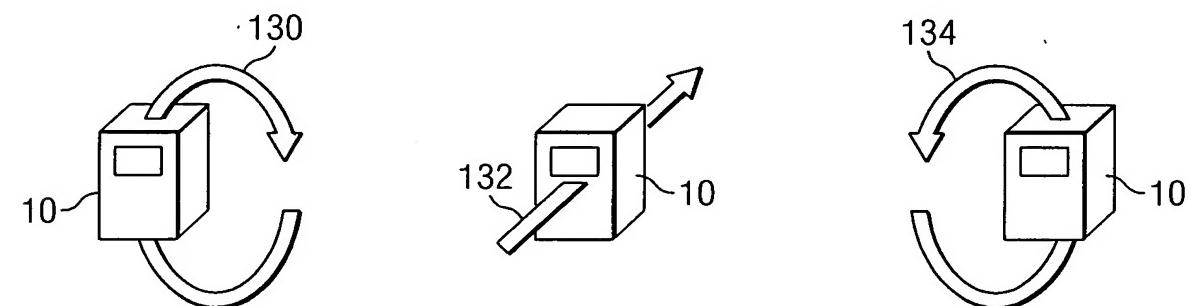
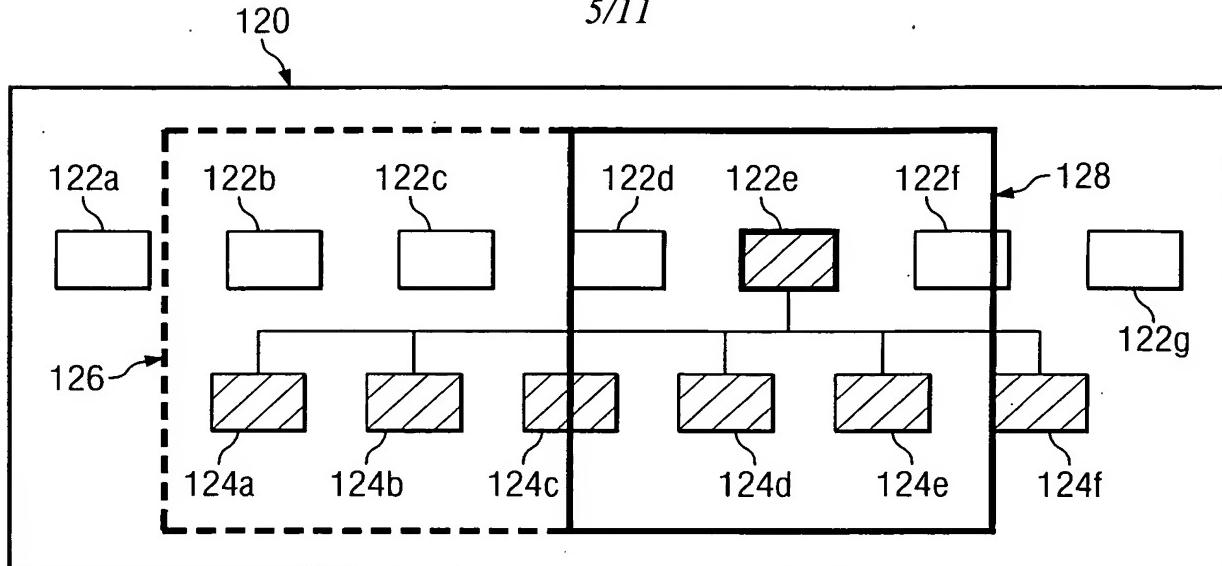


FIG. 10A

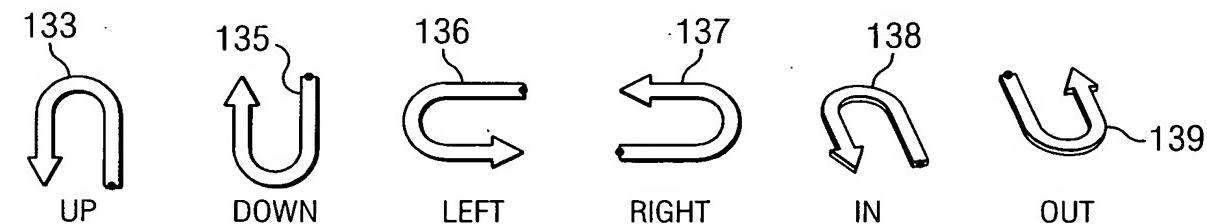


FIG. 10B

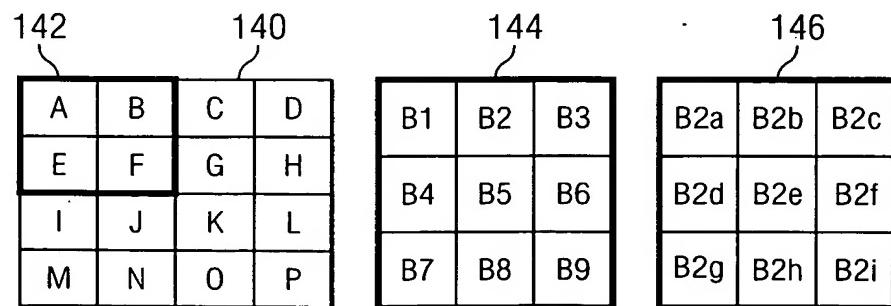


FIG. 11

DISTINGUISHING TILT AND TRANSLATION
MOTION COMPONENTS IN HANDHELD
DEVICES

Inventors: David L. Marvit et al.
Date Filed: March 23, 2004
Attorney's Docket: 073338.0181 (04-50454 FLA)

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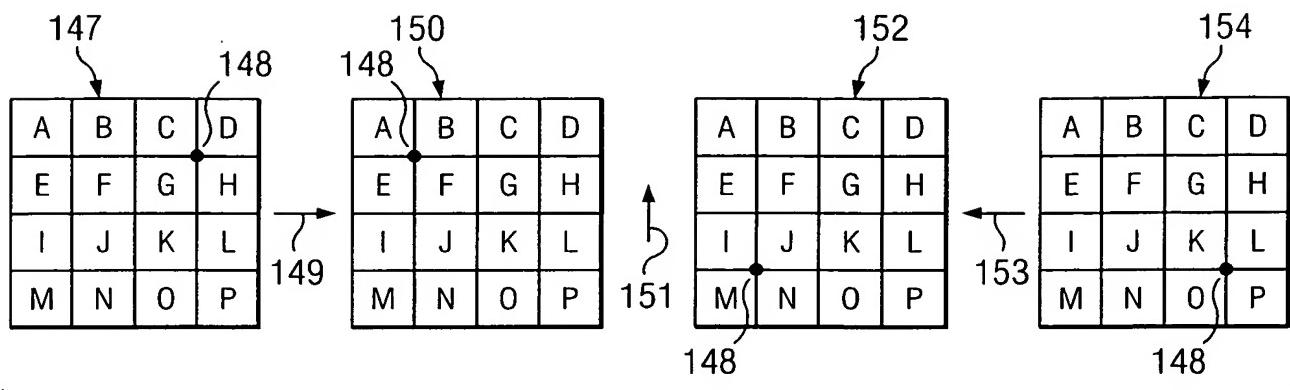


FIG. 12A

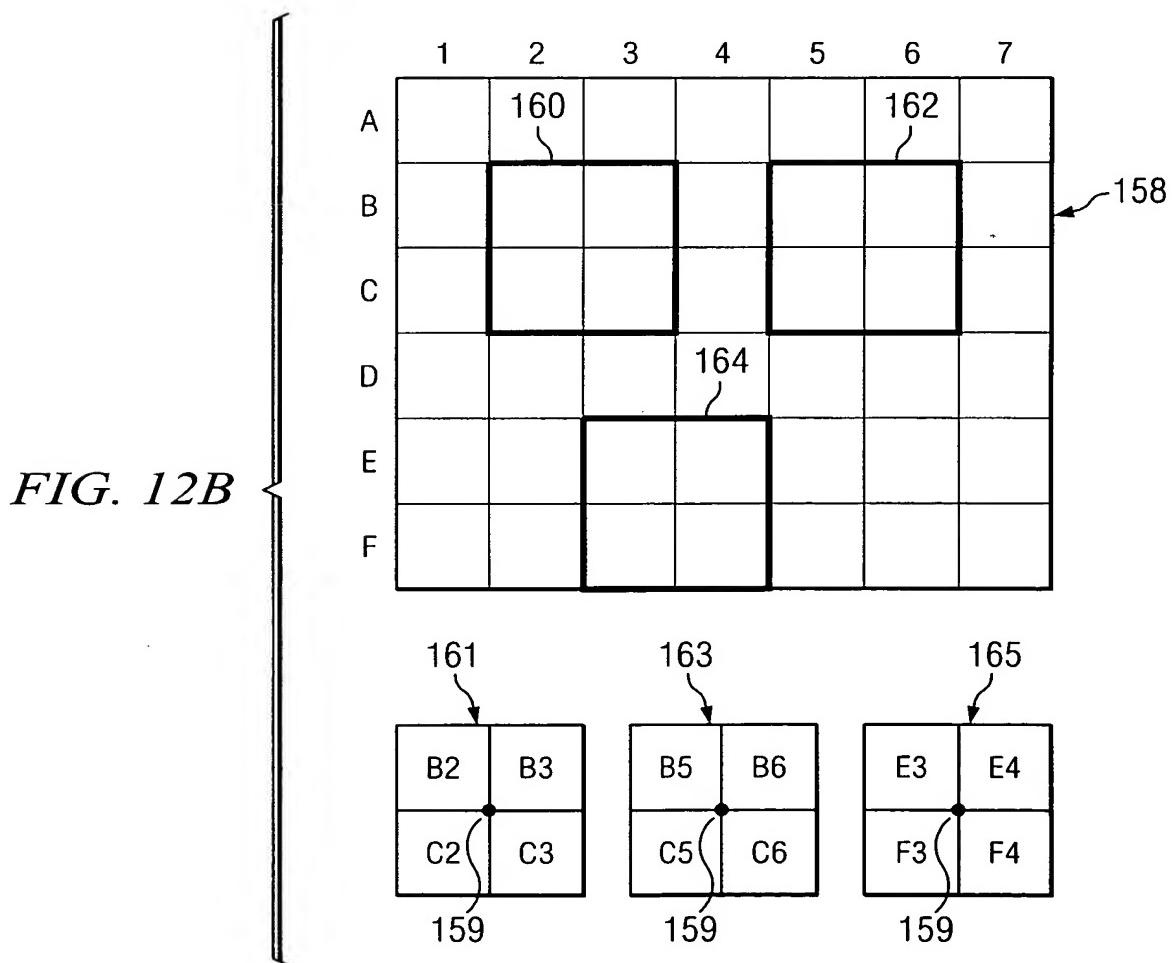


FIG. 12B

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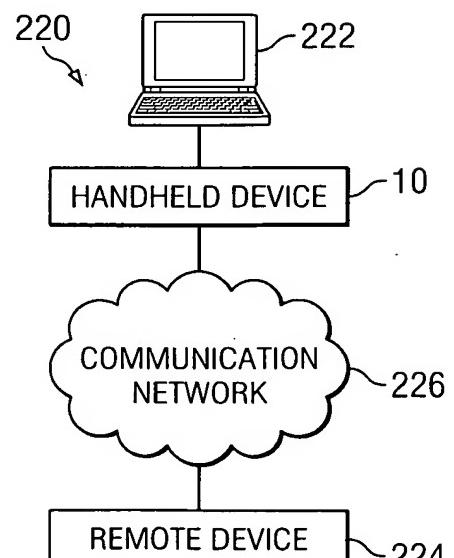
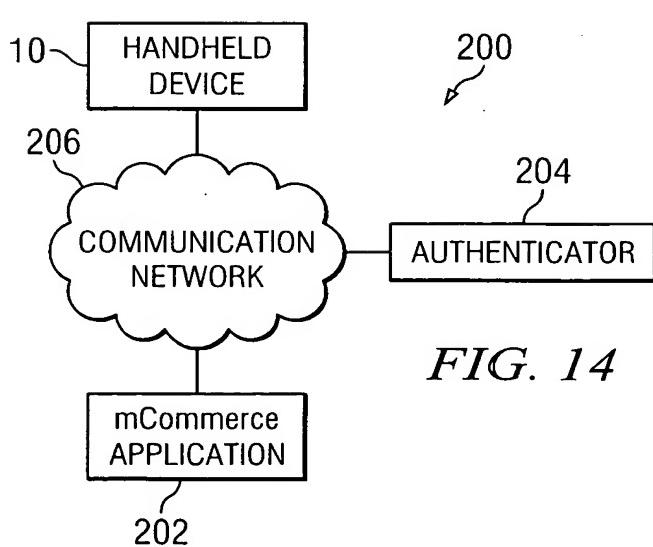
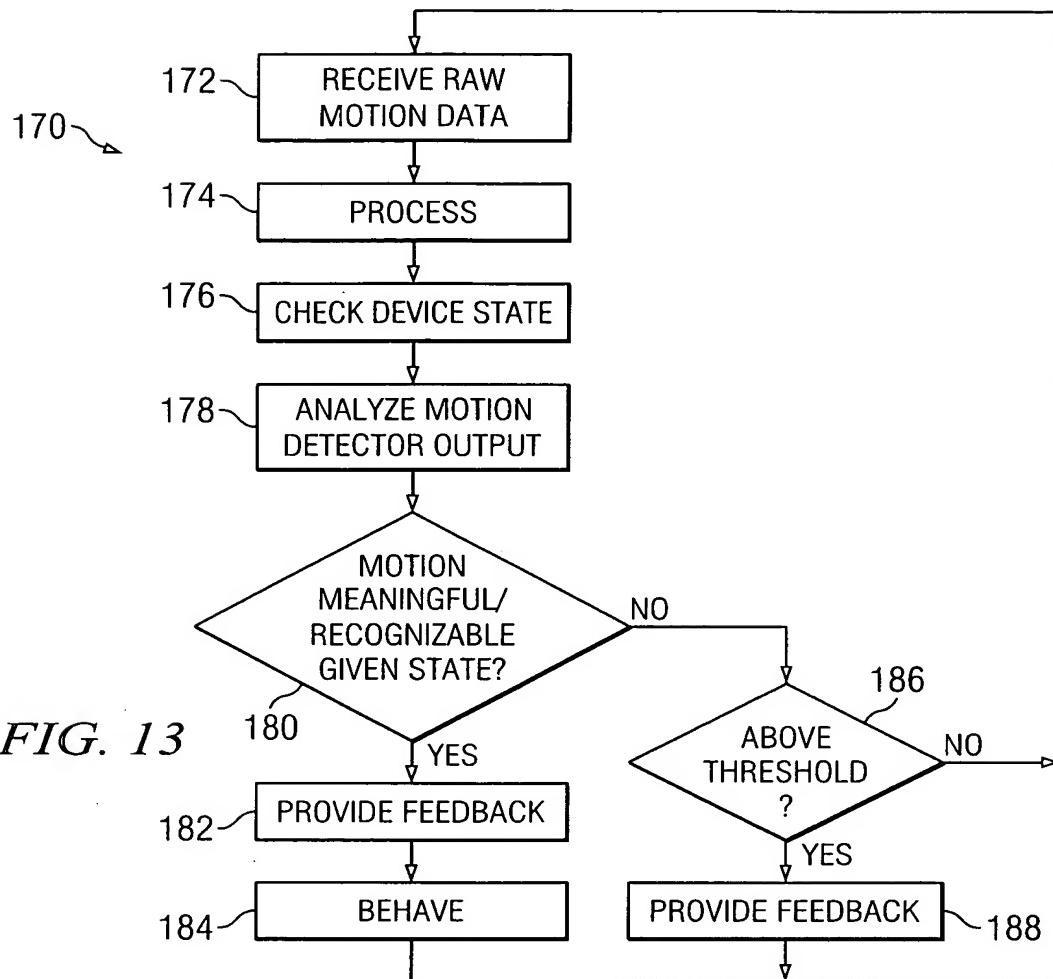


FIG. 15

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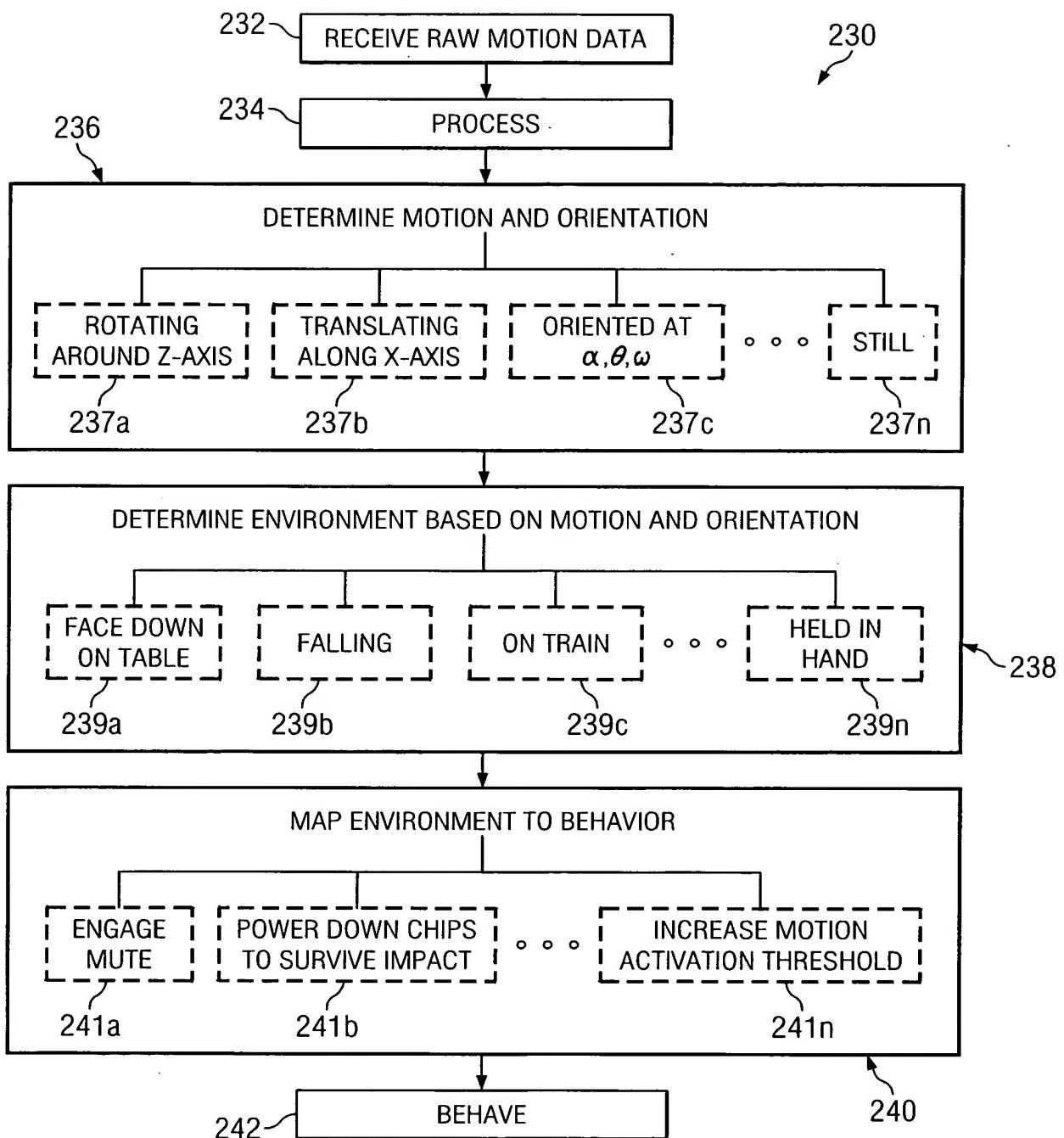


FIG. 16

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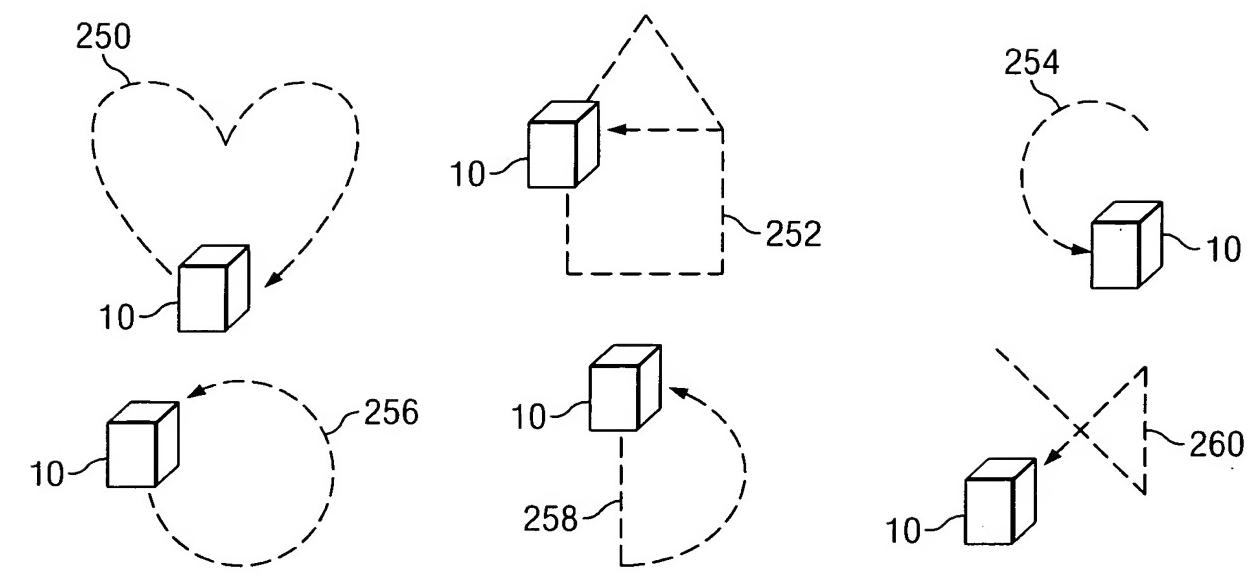


FIG. 17

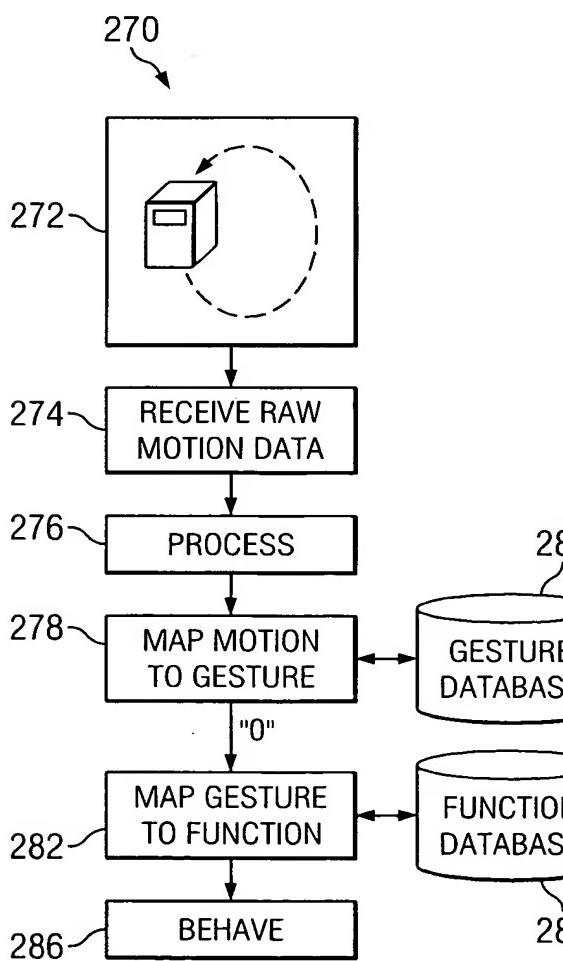


FIG. 18

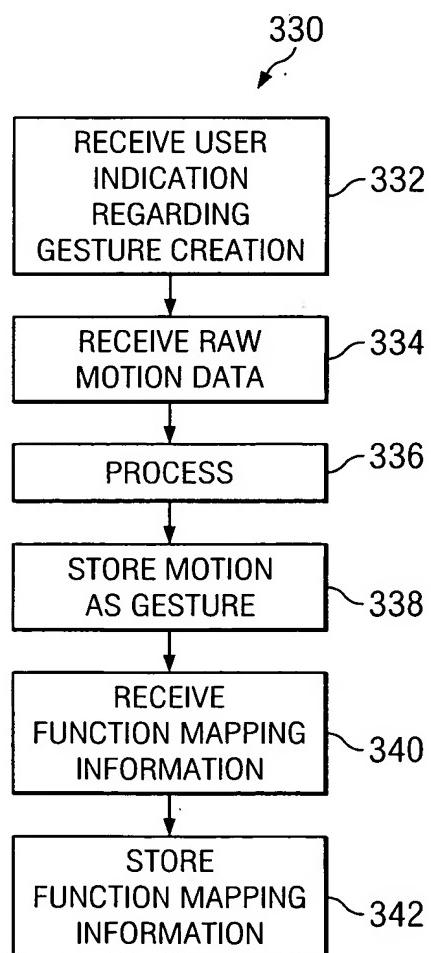
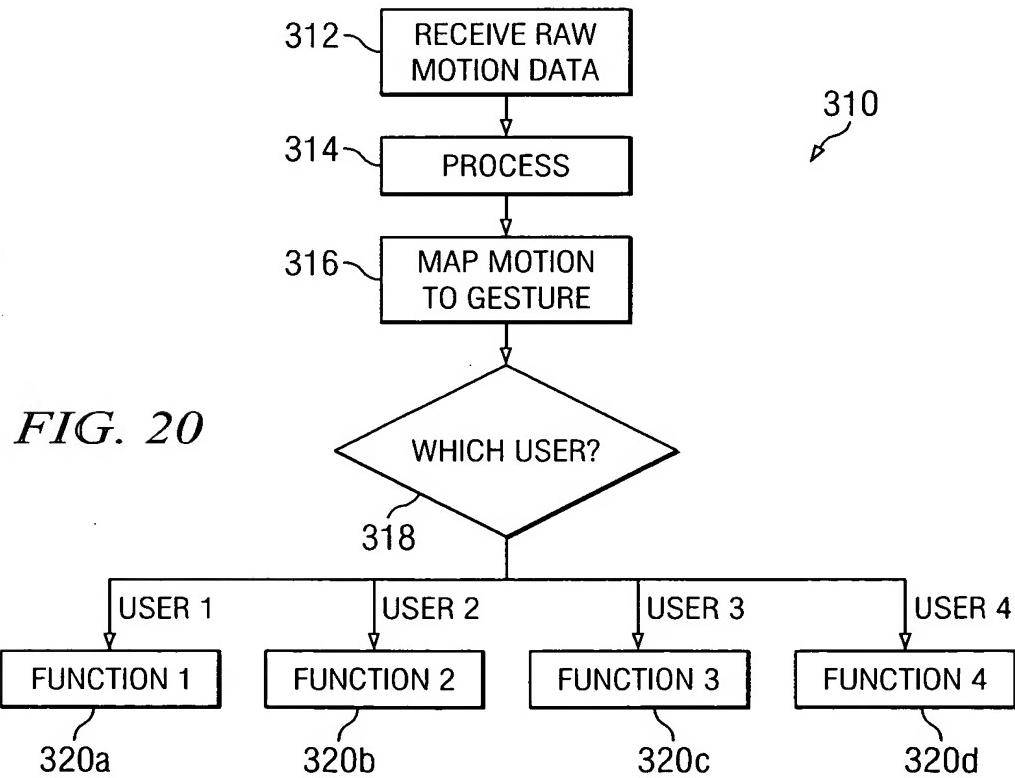
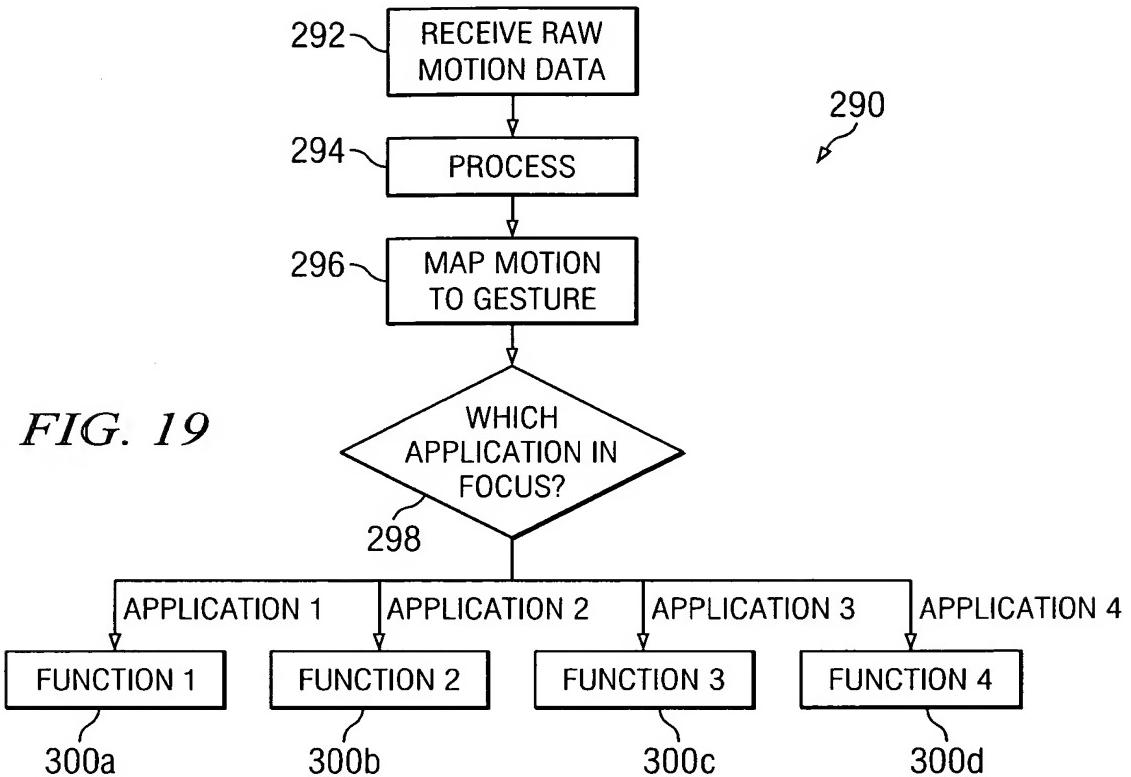


FIG. 21

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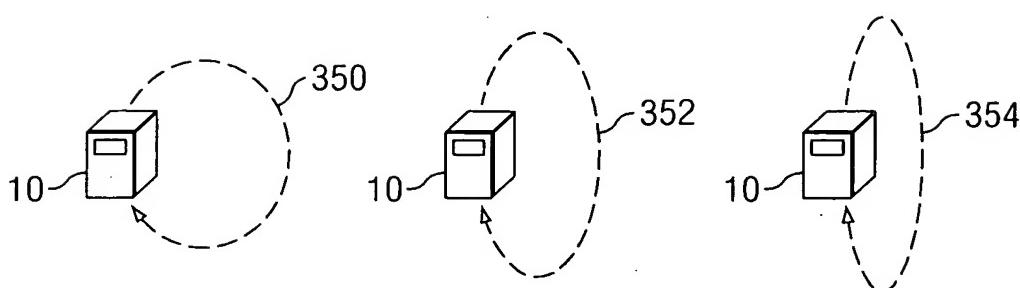


FIG. 22

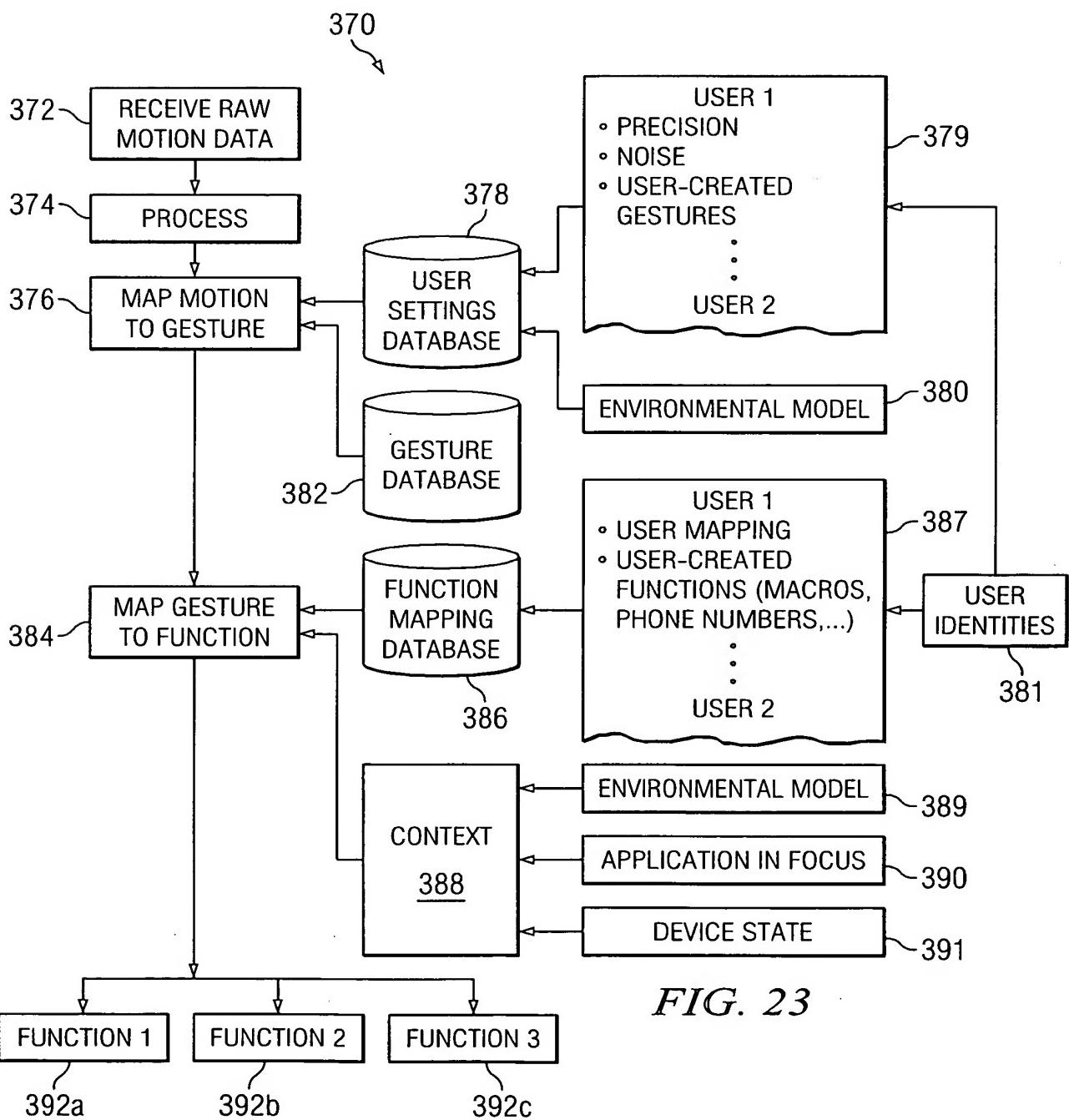


FIG. 23